

# Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

## Rabbit Anti-Lipoic Acid Polyclonal Antibody, Unconjugated

RRID:AB\_880635

Type: Antibody

### Proper Citation

Abcam Cat# ab58724, RRID:AB\_880635

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_880635](http://antibodyregistry.org/AB_880635)

**Proper Citation:** Abcam Cat# ab58724, RRID:AB\_880635

**Target Antigen:** Lipoic Acid

**Host Organism:** rabbit

**Clonality:** polyclonal

**Comments:** validation status unknown, seller recommendations provided in 2012: ELISA; Immunohistochemistry; Western Blot; ELISA, Immunohistochemistry-Fr, Immunohistochemistry-P, Western Blot

**Antibody Name:** Rabbit Anti-Lipoic Acid Polyclonal Antibody, Unconjugated

**Description:** This polyclonal targets Lipoic Acid

**Target Organism:** other, feline, chickenavian, rat, hamster, simian, xenopus, donkey, porcine, canine, yeast, mouse, drosophila, rabbit, bovine, human, sheep

**Antibody ID:** AB\_880635

**Vendor:** Abcam

**Catalog Number:** ab58724

**Record Creation Time:** 20250820T010346+0000

**Record Last Update:** 20250820T095618+0000

### Ratings and Alerts

No rating or validation information has been found for Rabbit Anti-Lipoic Acid Polyclonal Antibody, Unconjugated.

No alerts have been found for Rabbit Anti-Lipoic Acid Polyclonal Antibody, Unconjugated.

---

## Data and Source Information

**Source:** [Antibody Registry](#)

---

## Usage and Citation Metrics

We found 11 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [RRID](#) .

Lewis AC, et al. (2026) Inhibition of heme biosynthesis triggers cuproptosis in acute myeloid leukemia. *Cell*, 189(1), 215.

Yang Z, et al. (2025) Hypoxia inducible factor-1?? drives cancer resistance to cuproptosis. *Cancer cell*, 43(5), 937.

Liao Q, et al. (2025) p53 induces circFRMD4A to suppress cancer development through glycolytic reprogramming and cuproptosis. *Molecular cell*, 85(1), 132.

Liu S, et al. (2025) The TIM22 carrier translocase supports cell proliferation by facilitating mitochondrial iron uptake for Fe-S biogenesis. *Molecular cell*, 85(24), 4587.

Dang D, et al. (2025) Isocitrate dehydrogenase 1 primes group-3 medulloblastomas for cuproptosis. *Cancer cell*, 43(6), 1159.

Webb BD, et al. (2023) Recessive pathogenic variants in MCAT cause combined oxidative phosphorylation deficiency. *eLife*, 12.

Xing T, et al. (2023) Targeting the TCA cycle through cuproptosis confers synthetic lethality on ARID1A-deficient hepatocellular carcinoma. *Cell reports. Medicine*, 4(11), 101264.

Mukha D, et al. (2022) Glycine decarboxylase maintains mitochondrial protein lipoylation to support tumor growth. *Cell metabolism*, 34(5), 775.

Nowinski SM, et al. (2020) Mitochondrial fatty acid synthesis coordinates oxidative metabolism in mammalian mitochondria. *eLife*, 9.

Toshniwal AG, et al. (2019) ROS Inhibits Cell Growth by Regulating 4EBP and S6K, Independent of TOR, during Development. *Developmental cell*, 49(3), 473.

Habarou F, et al. (2017) Biallelic Mutations in LIPT2 Cause a Mitochondrial Lipoylation Defect Associated with Severe Neonatal Encephalopathy. *American journal of human genetics*, 101(2), 283.